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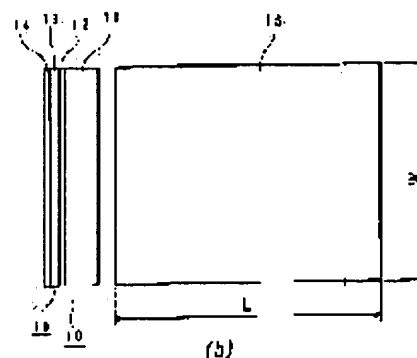
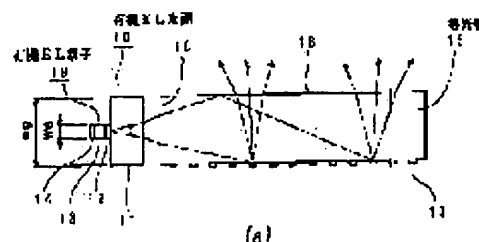
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(54) LIGHTING SYSTEM AND LIQUID CRYSTAL DISPLAY

(57)Abstract:

PROBLEM TO BE SOLVED: To thin surface lighting system and to thin a liquid crystal display having it.

SOLUTION: An organic electroluminescent(EL) light source 10 is disposed in close proximity to an incoming light end surface of a light conducting plate 15. The organic EL light source 10 comprises a transparent electrode film 12 laminated on a glass board 11 one by one, and an organic EL element 19 composed of an organic luminescent layer 13 and a reflection electrode film 14. The organic EL element 19 having a width w_e of about 0.1mm and a length nearly equal to a width W of the light conducting plate 15 (e.g. 30mm) is formed in a stripe shape. A width w_g of the glass board 11 can be made thinner about 1mm. Therefore, a thickness of the light conducting plate 15 can be made thinner about 1mm. Light incident on the light conducting plate 15 is uniformly emitted from an outgoing light surface 18 to optimize a structure of the light conducting plate 15 so that an illuminating device can be used for a liquid crystal display element.



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